

Abstract

An apparatus and process for naturally recycling poultry carcasses for use as a nutritional supplement, the apparatus generally consists of four modules: an enzymatic digest medium mixing assembly that self adjusts for pH; a mobile grinding assembly mounted on a truck trailer; a digesting and emulsifying assembly which includes a heated tank and separator; and a drying system. Carcasses are loaded into the grinder, and the ground carcasses are pumped into a storage tank with the enzymatic digest medium to produce a protein soluble mixture. The particle size of this mixture is then further reduced, and transported to a centralized and stationary processing plant for digesting and emulsifying. The remaining emulsified proteins are then dried. The resulting pellet-like pieces are uniformly sized for packaging.

DRAWING AMENDMENTS

Sir:

Please amend drawing Fig. 8. References numbers have been added to the flow chart, and the emulsify 106 and saponify 108 steps have been added. A Replacement Sheet for sheet 9 has been attached.

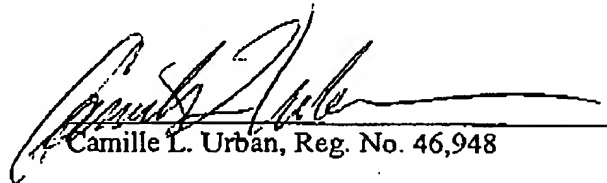
Applicant : Jonathan Scott Darling
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Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

CERTIFICATE OF MAILING

I hereby certify that this Amendment is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents, Mail-Stop Non-Fee, Amendment, P. O. Box 1450, Alexandria, Virginia 22313-1450, D.C., on **December 23, 2003**, with adequate postage affixed thereto.


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